

Pycana[®]

Insecticide/Miticide



FOR BROAD-SPECTRUM CONTROL OF INSECTS AND MITES ON FLOWERS, SHRUBS, FRUITS, AND VEGETABLES GROWN IN GREENHOUSES, SHADEHOUSES, HOOP HOUSES, AND CONTAINER-GROWN NURSERIES

Product Information Bulletin 645

GENERAL INFORMATION

Pycana[®] is a combination of a botanical oil (canola) and natural pyrethrins to control insect and mite pests.

Pycana contains 89% canola oil and 0.5% pyrethrins.

Pycana contains 6.875 lbs. of canola oil and 0.038 lbs. of pyrethrins per gallon.

Common Name: Botanical insecticide

Class: Pyrethrins + Oil

GROUP	UNE	INSECTICIDE
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GROUP	3	INSECTICIDE
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Packaging: 1 gallon container, 4 per case

RESTRICTED ENTRY INTERVAL (REI) AND SIGNAL WORD

REI = **12 hours** Signal Word = **CAUTION**

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicator and other handlers must wear:

- Long-sleeved shirt and long pants
- Shoes plus socks
- Waterproof gloves

ADVANTAGES OF PYCANA

- Broad-spectrum activity on insect and mite pests
- Labeled for use on herbs and vegetables
- 0 Day preharvest interval (PHI)
- 12-hour REI
- No residual effects on beneficials
- Kills all stages of insects including eggs
- Excellent fit with IPM programs



PRODUCT APPLICATION TIPS

- Use with care on open blooms. Determine sensitivity before spraying.
- Apply before high pest populations occur.
- Pests must be present and in contact with the **Pycana** spray solution.
- Spray with enough volume to penetrate foliage for good coverage.
- Do not use when temperatures are above 90° F.

MODE OF ACTION

Pycana combines two modes of action. Pyrethrins are sodium channel modulators and affect the permeability of nerve-cell membranes leading to hyper-excitation, tremors and paralysis. Canola oil kills by suffocation, disrupting respiration and cell membrane function. Oils may also kill pests by disrupting their feeding on oil covered surfaces.

USE SITES

Pycana may be used in greenhouses, shadehouses, hoop houses, and on container-grown nursery crops.

PYCANA MAY BE USED ON THE FOLLOWING CROPS

Bedding plants, flowering plants and foliage	Legumes and fruiting vegetables
Bulb, cole and leafy vegetables	Nuts
Citrus, pome and stone fruits	Root and tuber vegetables
Cucurbit vegetables	Small fruits, vines and vegetables
Herbs and spices	Trees and shrubs
	Woody ornamentals

PESTS CONTROLLED

Aphids	Mealybugs	Spider mites
Beetles	Plant Bugs	Tent caterpillars
Earwigs	Psyllids	Thrips
Leafhoppers	Sawfly larvae	Whiteflies

See the label for complete list of insects controlled.

APPLICATION RATES

Foliar: Spray **Pycana** on a preventative 7 to 14 day schedule or at the first sign of pest presence. Foliar spray rates range from 1% (1 gallon) to 2% (2 gallons) per 100 gallons of water, depending on target insect or crop.

FOLIAR INSECT TREATMENT PROGRAM

For best results apply **Pycana** when pests first appear. Apply **Pycana** every 7 to 14 days as needed. Do not make more than 3 consecutive applications.

Foliar feeding pests such as: aphids, whiteflies, scales, mealybugs and spider mites

Application	OHP Product	Foliar Spray Rate per 100 gallons
Day 1	Pycana [®]	1 to 2 gals. (1% to 2%)
Day 7	Pycana [®]	1 to 2 gals. (1% to 2%)
Day 14	Azatin [®] O*	10 to 16 fl. oz.
Day 17	Azatin [®] O*	10 to 16 fl. oz.
Day 21	Pycana [®]	repeat applications as necessary

* Add Triact 70 at 0.25% by volume (32 fl. oz. per 100 gallons) as adjuvant when needed to improve the spray coverage.

Pycana is effective at controlling spider mites either when a stand alone solution or mixed at 1% to aid other miticides.

Use of **Pycana** according to the labeling is subject to the use precautions and limitations imposed by the label affixed to the container of **Pycana**. It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Read label directions and cautions before use.

Pycana is a trademark of OHP, Inc. **Azatin** and **Triact** are trademarks of Certis USA LLC.

TANK MIXING

Do not mix with sulfur or apply within 21 days of a sulfur application.

Pycana can be tank mixed with most commonly used insecticides and miticides. **Pycana** users should adhere to any applicable restrictions on the tank mix product. If the compatibility of tank mix partners is unknown, mixing a small amount of the products in a clear jar is advised prior to mixing a large tank.

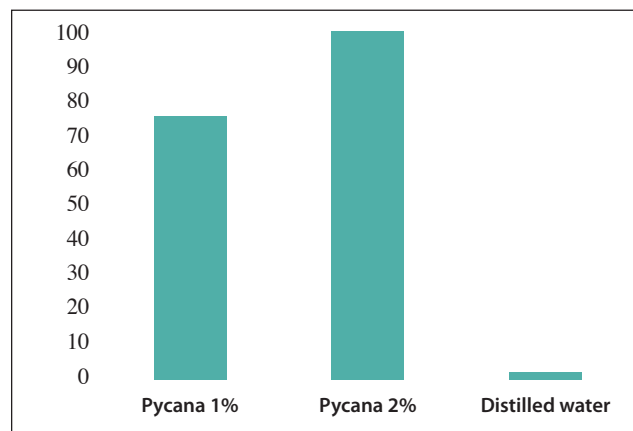
USE RESTRICTIONS

- Do not spray when plants are under stress.
- Do not use when temperatures are above 90° F
- If concerned about plant sensitivity, test on a portion of the plant or crop by spraying at the desired rate and inspecting treated areas after two or three days for the presence of any damage symptoms.

CHEMIGATION

Do not apply **Pycana** through drip (trickle), sprinkler, flood (basin), furrow, or border irrigation systems.

Average Mortality (%) of Two Spotted Spider Mites



Relative efficacy of **Pycana** against two spotted spider mites.



PO Box 746, Bluffton, SC 29910-0746
 Technical Service: 800-356-4647
 www.ohp.com